Amr Elnaggar

Frontend and Fullstack Engineer

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Skills

- **Frontend**:
  In-depth: React, Next.js, Conext API, React Query, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind, Jest, React testing library, Storybook, Redux, Radix UI
  Familiar: Angular, React Native, Electron
- **Backend**:
  Familiar: Java, Spring Framework, Spring boot, Node.js, MongoDB, MySQL, Postgres
- **DevOps & Cloud**:
  Docker, Git, GitHub Actions, GitLab CI/CD, AWS (EC2, S3, Lambda, RDS)
- **Other Skills**:
  Object-oriented programming, Functional Programming, Agile development, Design patterns

Work Experience

- **Infrasoft software house** — Kuwait City, Kuwait - Remote
  Full Stack Engineer — *April 2023 – Present*
  - Maintained a robust suite of scalable full-stack applications using **React, TypeScript, Java, Spring Boot, and MySQL** and containerized with **Docker**.
  - Deployed applications on **AWS** using **Git** within a Scrum framework and Continuous Integration environment.

- **GeoGebra** — Linz, Austria
  Frontend Engineer — *August 2022 – April 2023*
  - Directed highly accessible and reusable UI components in **React, Next.js, TypeScript** using **Tailwind, Radix UI**, focusing on UX, optimization, and bundling; and offered documentation with **Storybook**.
  - Ensured a 100% Lighthouse score for SEO and performance by optimizing assets, implementing server-side rendering (SSR), and improving Core Web Vitals.
  - Migrated 100+ test cases from Enzyme to **React Testing Library**, improving test reliability and alignment with React best practices.
  - Conducted code review processes within a team of 7 engineers in an agile environment, focusing on enhancing best practices, functionality and readability.

- **Oncoustics** — Toronto, Canada - Remote
  Full Stack Engineer — *May 2022 – August 2022*
  - Built 2 scalable pixel-perfect full stack web applications with **Next.js, React Query, and Typescript**, leveraging **Node.js, NestJS** for REST Webservices.
  - Executed the installation and configuration of a **MongoDB** environment for two full-stack web applications, ensuring seamless data migration.

- **Aschl Management Systems** — Schluesslberg, Austria
  Full Stack Engineer — *October 2020 – August 2022*
  - Engineered and deployed applications for the web with **Javascript**, mobile and desktop with **Windev** in an MVC pattern.
  - Executed high-performance modifications on existing ERP systems by enhancing querying techniques and achieved 50% faster query performance on **MySQL**.

- **Vodafone** — Smart Village, Egypt - Remote
  Full-Stack Engineer (Internship) — *August 2020 – September 2020*
  - Developed a data visualization dashboard using **React** and **ECharts**, enabling real-time insights into the data of over 1 million users.

- **Qatar Computing Research Institute** — Ar-Rayyan, Qatar - Remote
  Software Engineer (Internship) — *May 2020 – July 2020*
  - Built **Python**, **Node.js** backend applications and created **Docker** images, cutting deployment time by 50%.

Education

- **Nile University** — Giza, Egypt
  B.S. in Computer Engineering; GPA: 3.76 - High Honors — *July 2022*

- **University of Applied Sciences Upper Austria** — Hagenberg, Austria
  Semester abroad — *September 2020 – February 2021*

Volunteer Experience

- **Secretariat at nile international MUN (NIMUN)** — Giza, Egypt
  Formulated workshops and lead teams of variant numbers in 2 conferences. — *March 2021 – December 2021*
- **Community Service member at Nile University Student Union** — Giza, Egypt
  Spearheaded the planning of 5 events on environmental action and physical health. — *January 2018 – January 2019*